

SEQUENCE LISTING

<110> Antisense Pharma GmbH

<120> Pharmaceutical composition

<130> A30002

<140> PCT/EP2005/002101

<141> 2005-02-28

<150> EP 04 004 478.6

<151> 2004-02-27

<150> US 60/558,135

<151> 2004-04-01

<160> 107

<170> PatentIn version 3.1

<210> 1

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 1

{WP330041;1}

cgatagtctt gcag

14

<210> 2

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 2

gtcgatagtc ttgc

14

<210> 3

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 3

cttggacagg atct

14

<210> 4

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 4

ccaggaattg ttgc

14

<210> 5

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 5

cctcaatttc ccct

14

<210> 6

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 6

gatgtccact tgca

14

<210> 7

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 7

ctccaaatgt aggg

14

<210> 8

<211> 14

{WP330041;1}

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 8

accttgctgt actg

14

<210> 9

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 9

gtagtacacg atgg

14

<210> 10

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 10

cacgtagtac acga

14

<210> 11

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 11
catgttgac agct

14

<210> 12

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 12
gcacgatcat gttg

14

<210> 13

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 13
tgtactctgc ttgaac

16

<210> 14

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 14

ctgatgtgtt gaagaaca

18

<210> 15

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 15

ctctgatgtg ttgaag

16

<210> 16

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 16

ggaagtcaat gtacag

16

<210> 17

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 17
catgtcgata gtcttgca

18

<210> 18

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 18
agctgaagca atagttgg

18

<210> 19

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 19
gtcatagatt tcgttggtg

18

<210> 20

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 20

{WP330041;1}

ctccactttt aacttgag

18

<210> 21

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 1

<400> 21

tgctgtattt ctggtaca

18

<210> 22

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 22

cacacagtag tgca

14

<210> 23

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 23

gcacacagta gtgc

14

<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 24
gcttgctcag gatctgc

17

<210> 25

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 25
tactcttcgt cgct

14

<210> 26

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 26
cttggcgtag tact

14

<210> 27

<211> 14

{WP330041:1}

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 27
gtaaacctcc ttgg

14

<210> 28

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 28
gtctatatttg taaacctcc

19

<210> 29

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 29
gcatgtctat tttgtaaacc

20

<210> 30

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 30
cggcatgtct attttgta

18

<210> 31

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 31
ggcatcaagg tacc

14

<210> 32

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 32
ctgtagaaag tggg

14

<210> 33

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 33

acaattctga agtagggt

18

<210> 34

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 34

tcaccaaatt ggaagcat

18

<210> 35

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 35

gctttcacca aattggaagc

20

<210> 36

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 36
ctggccttttg gggtt

14

<210> 37

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 37
tctgatatag ctcaatcc

18

<210> 38

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 38
tcctagtgga ctttatag

18

<210> 39

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 39

{WP330041:1}

tttttcctag tggact

16

<210> 40

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 40

caattatcct gcacatttc

19

<210> 41

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 41

gcaattatcc tgcaca

16

<210> 42

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 42

gcagcaatta tcctgc

16

<210> 43
<211> 14
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 43
tggcattgta ccct

14

<210> 44
<211> 14
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 44
tgtgctgagt gtct

14

<210> 45
<211> 16
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 45
cctgctgtgc tgagtg

16

<210> 46
<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 46
cttgggtggt ttgc

14

<210> 47

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 47
tttagctgca tttgcaag

18

<210> 48

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 2

<400> 48
gccacttttc caag

14

<210> 49

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 49
cttcttttgc aagtctgt

18

<210> 50

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 50
tgagctgtgc atgccttc

18

<210> 51

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 51
agtcaggagg accag

15

<210> 52

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 52
tgggtgccct ggcct

15

<210> 53

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 53
catgttaggc aggtt

15

<210> 54

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 54
aggcatctcg gagatct

17

<210> 55

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 55
aaagtcttca ctctgc

16

<210> 56

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 56
aacaagttgt ccagctg

17

<210> 57

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 57
gtaaaactgg atcatctc

18

<210> 58

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 58

{WP330041;1}

catcacctcc tccag

15

<210> 59

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 59

gggtcttcag gttctccc

18

<210> 60

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 60

cacggccttg ctcttggt

18

<210> 61

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 61

ttattaaagg cattcttc

18

<210> 62
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 62
aagatgtcaa actcactc

18

<210> 63
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 63
gtagttgatg aagatgtc

18

<210> 64
<211> 16
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 64
gattttggag acctct

16

<210> 65
<211> 16

{WP330041;1}

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 65
tcagctatcc cagagc

16

<210> 66

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 66
ggctgggtca gctat

15

<210> 67

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 67
aaatcgttca cagagaag

18

<210> 68

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to IL-10

<400> 68
tcttttctaaa tcgttcac

18

<210> 69

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 69
tcgagcttcc ccga

14

<210> 70

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 70
cccggagccg aagg

14

<210> 71

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 71
cccgaggagc ggg

13

<210> 72

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 72
acgcagcaag gcga

14

<210> 73

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 73
cgggttgctcg agccg

15

<210> 74

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 74
cggcagtgcc ccg

13

<210> 75

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 75
cggaattctg ctcg

14

<210> 76

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 76
ttcgttggtgc tccg

14

<210> 77

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 77

attccgactc ggtg

14

<210> 78

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 78

acgtgggtca tcaccgt

17

<210> 79

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 79

cgaagaagcg

10

<210> 80

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 80

cctaattggct tcca

14

<210> 81
<211> 14
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 81
tcagcagggc cagg

14

<210> 82
<211> 17
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 82
gcaaagttca gcagggc

17

<210> 83
<211> 16
<212> DNA
<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 83
ggcaaagttc agcagg

16

<210> 84
<211> 18

{WP330041;l}

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 84

gtggcaaagt tcagcagg

18

<210> 85

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 85

gtggcaaagt tcag

14

<210> 86

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 86

gaccgtggca aagttcag

18

<210> 87

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 87
agagaggctg accgt

15

<210> 88

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 88
gacagagaga ggctgac

17

<210> 89

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 89
acagagagag gctga

15

<210> 90

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 90
gtggacagag agagg

15

<210> 91

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 91
caagtggaca gagagagg

18

<210> 92

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 92
tcttcttgat gtggcc

16

<210> 93

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 93
ccctcttctt cttgatg

17

<210> 94

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 94
caccctcttc ttct

14

<210> 95

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 95
atggatttct ttggcat

17

<210> 96

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 96

{WP330041;1}

ggatttcttt ggc

13

<210> 97

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 97

aagttggact ctcttctc

18

<210> 98

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 98

taagttggac tctcttct

18

<210> 99

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 99

gacctagtt ggactc

16

<210> 100

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 100

tttctagacc taagttgg

18

<210> 101

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 101

ctgatttcta gacctaag

18

<210> 102

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 102

gaagcagtaa ttggtgt

17

<210> 103

<211> 15

{WP330041;1}

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 103

ggaatcatca tgagg

15

<210> 104

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 104

gggaatcatc atgag

15

<210> 105

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 105

ggttgtcgag ccggt

15

<210> 106

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 106
gtcctcccaa catagta

17

<210> 107

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Antisense to TGF-beta 3

<400> 107
gggtcctccc aaca

14

2

1

{WP330041;1}

{WP330041;1}